2006

New Mexico

Conservation Security Program

Benchmark Condition Inventory

| For Agricultural | |
|------------------|--|
| Operation: | |
| • | |
| | |
| Completed on: | |

New Mexico Natural Resources Conservation Service

1. Ag Operation Owner and Operator Information

A listing of the operator and all landowners for the ag operation is needed, with contact information. The information is needed for verifying eligibility of the applicant and participants. This format can be used or any other format that provides the needed information.

| Name of Landown | ner(s) | |
|--------------------|--------------------------|-----------------------|
| Name of Land Ma | nager(s) | |
| Business or Farm 1 | Name | |
| Address | | |
| | | |
| | | |
| Phone Numbers | Home | |
| | Business | |
| | 0.11 | |
| E-mail Address | | |
| | | |
| | | |
| Other | conservation contracts (| Check all that apply) |
| | | |
| EQIP | ☐ CRP | ☐ WRP |
| WHIP | GRP | Other |

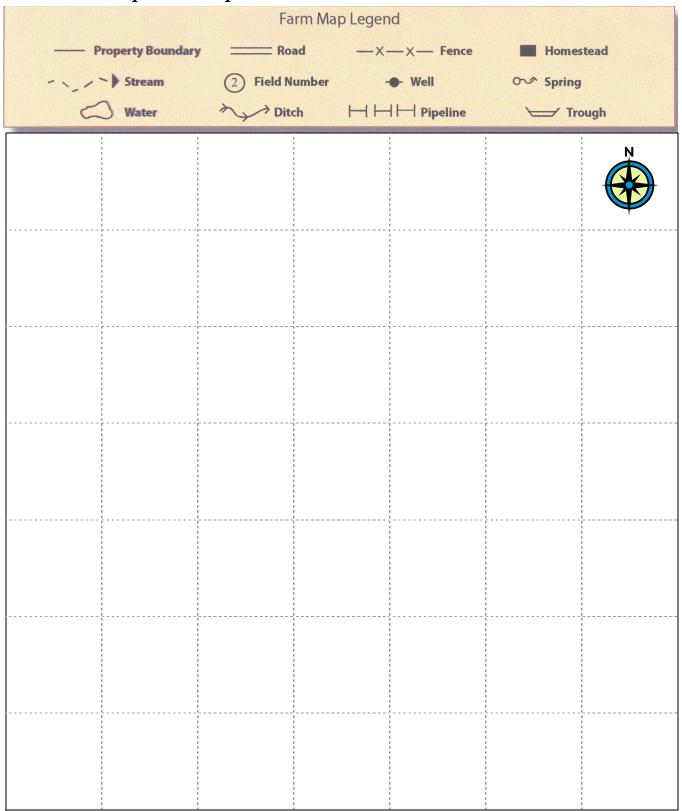
2. Ownership of Property in the Ag Operation

| Property Name or | Acres | Field | | Locati | on | Lease | Owner |
|------------------|-------|---------|---------------|--------|---------|--------|-------|
| Identifier | Acres | Numbers | Town- ship | Range | Section | Length | Owner |
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3. Ag Operation Location Map

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4. Stewardship Plan Map



New Mexico Natural Resources Conservation Service Notes

I. CROP

1. Crop Rotation and Management Worksheet *

| Field Numbers | Yr 1 | Yr 2 | Yr 3 | Yr 4 | Yr 5 | Yr 6 | Yr 7 | Yr 8 | Yr 9 | Yr 10 |
|-------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
| (grouped by common rotations) | Crop Name |
| | | | | | | | | | | |
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^{*} Provide cropping sequence for full rotation length.

Example: Wheat-Sorghum-Fallow requires minimum of three years of information.

Seven years of alfalfa followed by two years of row-crops requires minimum of nine years of information.

| Additional Comments or Observations: | | |
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2. Crop Rotation and Residue Management Worksheet

| 2. Crop Rotation a | ına Kesiau | e ivianagei | ment wor | ksneet | | |
|--------------------|------------------|-----------------|-------------------------|------------------------------|-------------------|----------------|
| Crop | Planting Date | Harvest Date | Avg. Yield per Ac | Residue Removed Y or N | Amount Removed | Removal Method |
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| Additional Commen | ts/Observat | ions: | | | | |
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3. Cultivation and Field Operations Worksheet

| Tract(s): | | | | | | | Field(| (s): | | | | | |
|-----------------|-------------|-------|-----------------------------|--------|-----------|--------------------------|-----------|-------|-------|----------|---------|--------------------------------|---|
| Crop Planto | ed & Yield | l: | | | | Previous Cro | p & Yi | eld: | | | | | |
| In | clude infor | matio | on on operatio | กร รมด | ch as: ti | llage, spray, irri | gation, g | razin | g, ha | rvest, p | est con | trol etc. | |
| Date Operati | of | | Typical Operation(s) f Crop | | Co | mments on peration(s) | | nthly | | gation | | Irrigation Application (In/Mo) | 1 |
| | | | | | | | | | | | | | |
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^{*}Need one worksheet per crop grown.

4. Crop Nutrient Inputs Worksheet

| Field | Crop | t Inputs Wo | Application 2/ | Application | Application |
|----------------------|---------------------|-----------------------|---------------------|---------------------------------|--------------------------|
| Numbers | Grown | Source (kind) | Rate | Method/Date | Depth |
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| A + + 1 1 - | 4 4 14 - - 6 | 41 | liantian | | |
| Attach son | test results for | the year of the app | oncation. | | |
| If irrigated, h | nas water been | tested for nutrients? | ☐ Yes ☐ No | | |
| If yes, attac | | | | | |
| • | | | | | |
| | | d dairy manure, etc. | | | |
| <u>2</u> / Units (lb | s/ac., gals/ac., | inches/ac.) | | | |
| A a a tat 1.7 | NT | | an (A44an) | .f. = 11 4 = 44 = | |
| Additional | Nutrient Man | agement Informati | on (Attach copies (| of soil tests, manure test, etc | <u>, 11 applicable):</u> |
| | | | | | |
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5. Pest Management Input Worksheet

| Crop Grown | Field Number | Target Pest | Suppression Method | Pesticide Application Rate | Date Applied | Broadcast or Banded | Surface, Soil Incrop., or Foliar Applied |
|-----------------|-----------------|----------------|-----------------------|----------------------------------|-----------------|------------------------|--|
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| Additional Comm | | | | | | | |

| Additional Comm | nents/Obser | vations: | | | |
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6. Cropland Practices Worksheet

| ESSENTIAL CROPLAND | PRACTICES | | |
|---|-------------------------|----------|---------|
| Practice Name | Practice | Existing | Planned |
| | Code | | |
| Conservation Cropping Rotation | 328 | | |
| One of the following: | | | |
| Residue management | 344 | | |
| • Seasonal; Residue management, Mulch-Till | 329B | | |
| Residue management, No-till & Strip-Till | 329A | | |
| Residue management Ridge-Till | 329C | | |
| Pest Management (if pests are controlled) | 595 | | |
| Nutrient Management (if fertilizer or manure is used) | 590 | | |
| Water Management (if irrigated) | 449 | | |
| NEEDED and/or DESIRAL | BLE Practices | | |
| Practice Name | Practice Code | Existing | Planned |
| Anionic Polyacrylamide (PAM) Erosion Control | 450 | | |
| Chiseling and Sub-soiling | 324 | | |
| Conservation Cover | 327 | | |
| Contour Farming | 330 | | |
| Contour Orchard and Other Fruit Area | 331 | | |
| Cover Crop | 340 | | |
| Cross Wind Ridges | 589A | | |
| Cross Wind Trap Strips | 589C | | |
| Field Border (Buffer) | 386 | | |
| Filter Strip (Buffer) | 393 | | |
| Grassed Waterway (Buffer) | 412 | | |
| Heavy Use Area Protection | 561 | | |
| Herbaceous Wind Barriers (Buffer) | 503 | | |
| Irrigation Land Leveling | 464 | | |
| Irrigation System – (Several) | 441, 442, 443, & 447 | | |
| Irrigation Water Conveyance – (Several) | Many | | |
| Mulching | 484 | | |
| Sediment Basin | 350 | | |
| Structure for Water Control | 587 | | |
| Surface Roughening | 609 | | |
| Terrace | 600 | | |
| Tree/Shrub Establishment | 612 | | |
| Upland Wildlife Habitat Management | 645 | | |
| Water Well | 642 | | |
| Windbreak/Shelterbelt Establishment (Buffer) | 380 | | |

Additional Comments/Observations:



NM CSP Water Quality Eligibility Inventory Sheet For Cropland Applications

| Name: | Date: | |
|--|--|---|
| Instructions: Please ma | ork yes or no to the best fit answer | r to the following questions. |
| | Transport from Field - High effice runoff. Flood or furrow irrigation | ciency irrigation (drip or sprinkler) that n is not included. |
| Do you have high effici | ency irrigation (drip or sprinkle | r)? No 🗌 Yes 🗌 |
| 2. No Pesticides Use | ed-Includes organic farming opera | ations that do not use pesticides. |
| Do you use any pestici | des? | No 🗌 Yes 🗍 |
| 3. Integrated Pest Ma | anagement (Choose One) | |
| regular basis, but les | s than full IPM. Integrated Pest I pecific prevention, avoidance, mo | nt (IPM) techniques are used on a Management - IPM includes a wide onitoring, and suppression |
| cleaning tillage a | | ing pest-free seeds and transplants, if ields, and scheduling irrigation to t, etc.). |
| Avoidance - Avo trap crops, etc.). | iding pest impacts (e.g., using pe | st-resistant varieties, crop rotation, |
| | ntifying the extent of pest population pest scouting, soil testing, weath | ons and/or the probability of future er forecasting, etc.) |
| Suppression - S chemical pest cor | | s impacts using cultural, biological, or |
| Do you use one or mor | e IPM techniques, BUT not all? | No ☐ Yes ☐ |
| economic thresholds is system uses pest suppre (including pest scouting) | ession techniques (including pestion verifies that a pest population has neconomic threshold for treatment | duce pest management risk. A PM cide applications) only after monitoring s reached an economic threshold. |
| Scouting - is field check | ing for the pests before any actior | n for control is taken. |
| (square foot, plant, feet of | • | cts, diseases, etc.) per some unit d, will soon increase to levels high of suppression. |
| | ld treatment that can reduce the r | n treatments listed on the following risk of managing pests in the field. |
| Do you scout for a thre | shold pest, and apply one othe | r conservation treatment? No 🗌 Yes 🗌 |
| environmental risk. A | nigh level IPM system goes beyon | ests and reduce pest management and a basic IPM system by relying liques (see definitions in Choice 1 |

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note). When pest suppression is necessary, chemical controls are generally used only when cultural and biological controls have proven inadequate.

Conservation Treatment (two or more of the conservation treatments listed on the following table is used) – is any field treatment that can reduce the risk of managing pests in the field. See the attached list of conservation treatments.

| Do you scout, use cultural and biological controls before using pesticides, and apply two |
|--|
| listed conservation treatments? No Yes |
| Partial Treatment by spot treatment, banding, or directed spraying to reduce amount of pesticide applied. This can be in addition to other IPM choices above. |
| Do you routinely spot treat, band apply, use directed spraying, or use reduced rate to apply less total pesticide (compared to field spraying)? No \(\subseteq \text{Yes} \subseteq \) |
| 5. Perennial streams, ponds and lakes are bordered with vegetated buffers at least 20 feet wide. A vegetated buffer must be mostly grass. For most fields in NM, the answer will be no to this question. |
| If you have perennial stream(s), ponds, and lake(s), do they have a vegetated buffer (typically dense grass) at least 20 ft wide around them? |
| □No waterbodies present |
| Waterbodies present, buffer in place: No 🗌 Yes 🗌 |
| 6. When applying pesticides, maintain a minimum setback distance of 33 feet between the application area and intermittent streams/ditches, perennial streams, ponds/lakes, surface water inlets and open sink holes. |
| If you have any water bodies (listed above) on your proposed CSP acres, do you maintain at least a 33 ft set back when applying all pesticides? |
| Waterbodies present, setback always used: No ☐ Yes ☐ |
| 7. When applying manure, maintain a minimum setback distance of 33 feet between the application area and intermittent streams/ditches, perennial streams, |
| ponds/lakes, surface water inlets and open sink holes. Application rates for liquid manure pond effluent do not exceed the Available Water Capacity of the soil. |
| · |
| manure pond effluent do not exceed the Available Water Capacity of the soil. If you have any water bodies (listed above) on your proposed CSP acres, do you maintain at least a 33 ft set back when applying manure? |
| manure pond effluent do not exceed the Available Water Capacity of the soil. If you have any water bodies (listed above) on your proposed CSP acres, do you maintain at least a 33 ft set back when applying manure? |
| If you have any water bodies (listed above) on your proposed CSP acres, do you maintain at least a 33 ft set back when applying manure? No waterbodies present |
| If you have any water bodies (listed above) on your proposed CSP acres, do you maintain at least a 33 ft set back when applying manure? No waterbodies present |

or more years consecutively?

No Yes [

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|---|
| If you have a perennial crop in your rotation, does a single annual crop make up more than 50% of this same rotation? |
| 10. Erosion is controlled in the concentrated water flow areas. Concentrated water flow areas cause gully or channel erosion. |
| Is concentrated flow erosion controlled in these field(s)? No 🗌 Yes 🗌 |
| 11. Conservation measures (such as, crop rotation, residue management, contouring, and buffers) are maintained to reduce erosion and minimize sediment from entering intermittent streams/ditches, perennial streams, ponds/lakes, surface water inlets and open sink holes. A system of practices are applied and maintained to reduce erosion and minimize sedimentation and transport of sediment to surface waters. Practices may include: crop rotation, residue management, contour farming, contour buffers, grassed waterways, water and sediment control basins, terraces, strip cropping, cover crops, filter strips, vegetative buffers. |
| Are conservation measures in place to prevent sediment from entering a water bodies? No Yes |
| 12. Nitrogen Management (mark one choice yes below): |
| (Choice A) Most nitrogen (manure or fertilizer) is applied at or close to planting. Greater than 75% of the crop nitrogen requirement is applied at or within 30 days of crop planting. Amount is based on a recommendation following NMSU recommendations or equivalent, and a soil test. |
| Do you apply N at or close to planting time? No 🗌 Yes 🗌 |
| (Choice B) Most nitrogen (manure or fertilizer) is applied as a split application. Greater than 75% of the crop nitrogen requirement is applied as side-dress or fertigation after crop / plant emergence at the appropriate growth stage. This also applies to split application of nitrogen on hayland or hay fields. Amount is based on a recommendation following NMSU recommendations or equivalent, and a soil test. |
| Do you apply most N as a split application? No \(\subseteq Yes \subseteq \) |
| (Choice C) No nitrogen (manure or fertilizer) is applied. No manure or fertilizer nitrogen is applied to the crop. The entire source of nitrogen for plant growth comes from carryover of N from leguminous plants (previous crop or cover crop), N fixation, rainfall, and soil O.M. |
| Do you apply N? No 🗌 Yes 🗌 |
| If choices A through C do not apply: |
| Choices A through C do not apply. |
| 13. Where nitrogen is applied (manure and/or fertilizer), the rate is based on a one or more elements of nutrient management plan. A nutrient management plan provides recommendations or procedures to determine the amount, form, placement and timing of plant nutrients to obtain optimum yields while minimizing the risk of surface and ground water pollution. The procedure used to determine nutrient recommendations is be based on one or more of the following: Realistic crop yield goal, Soil test results, Previous crop credits, Leguminous crop credits, Manure application history, and/or Leaf tissue analysis (if appropriate). |

| 78.77 78.47 ° | NT / LTD | \sim 1. | a • |
|---------------|-------------------|-----------------|------------|
| NAW MAYICA | Natural Regauree | e l'ancarvatian | Carvica |
| TACW INTENTED | Natural Resources | s Consti vation | |

| above in determining nitrogen application rates? No 🗌 Yes 🗌 |
|--|
| 14. A cover crop is used in the rotation, or permanent vegetation (such as grass in an orchard or vineyard) is used in the field. Cover crops include grasses, legumes, forbs, or other herbaceous plants established for seasonal or perennial cover to: |
| Reduce erosion from wind and water. Sequester carbon in plant biomass and soils to increase soil organic matter content. Capture and recycle excess nutrients in the soil profile. Promote biological nitrogen fixation. Increase biodiversity. Weed suppression. Provide supplemental forage. Soil moisture management. Reduce particulate emissions into the atmosphere |
| Do you use cover crops or permanent vegetation as explained above? No 🗌 Yes 🗌 |
| 15. If manure is applied, nitrogen and phosphorus credits from manure, irrigation water, previous crop, and soil O.M. are calculated from sample test analyses or book values and used to plan nutrient application rates. Nitrogen and phosphorus amounts are calculated using laboratory analyses, (soil tests and manure, test or book values) are used to plan nutrient applications rates: |
| Current and prior year's) manure applications Irrigation water applied during the growing season Previous crop including legume or cover crop Soil OM. |
| Do you apply manure using sample analyses or book values for both nitrogen and phosphorus? |
| |
| 16. Soil Tests are taken at least once every 5th year. Soil samples are analyzed by a recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop production. Please attach a copy of your soil test analyses. |
| recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop |
| recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop production. Please attach a copy of your soil test analyses. Do you soil test your field(s) at least once every 5 th year? (Please attach copy of most |
| recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop production. Please attach a copy of your soil test analyses. Do you soil test your field(s) at least once every 5 th year? (Please attach copy of most recent analysis.) No Yes 17. No Phosphorus (excluding starter) is applied where soil test indicate a "very high or excessive" rating. When the soil test indicates a very high or excessive amount of P in the root zone, no application of P is made. Exception, starter phosphorus can be applied |
| recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop production. Please attach a copy of your soil test analyses. Do you soil test your field(s) at least once every 5 th year? (Please attach copy of most recent analysis.) No |
| recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop production. Please attach a copy of your soil test analyses. Do you soil test your field(s) at least once every 5 th year? (Please attach copy of most recent analysis.) No |
| recognized land grant university or private laboratory using methods approved by the land grant university for the purposes of determining amounts of nutrients needed for crop production. Please attach a copy of your soil test analyses. Do you soil test your field(s) at least once every 5 th year? (Please attach copy of most recent analysis.) No |

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|---|---|
| Do you surface apply your fertilizer with at least 80% using soil test analyses? | residue cover or crop canopy cover No 🗌 Yes 🗌 |
| 20. No Salinity Concern | |
| Do you have any salinity concerns? | No ☐ Yes ☐ |
| 21. Saline Seeps (recharge and discharge areas) had methods of identifying saline seep recharge areas inclusions soil moisture probes and test holes, and visual inspection conductivity measurements are acceptable methods of indicators of discharge areas include vigorous weed grounding of the crop and prolonged soil wetness. | de soil maps and geologic information, ons. Visual assessments and electrical identifying discharge areas. Visual |
| Have saline seeps been identified by one of the meth | ods mentioned above? No 🗌 Yes 🗌 |
| 22. For saline seeps, high water use crops/vegetation changed to manage or minimize salinity in ground of water use crops/vegetation is planting alfalfa in the rech system where planting decisions are based on available pattern change. | or surface water. An example of high narge area Using a flexible cropping |
| Has a high water use crop or system been establishe question 21? | d in the identified recharge areas in No ☐ Yes ☐ |
| 23. Irrigation water is managed to minimize salt deli | • |

Irrigation water is managed to meet the crop needs with minimal deep percolation and surface runoff.

If salt leaching and runoff is a problem, is irrigation water managed to minimize deep percolation and surface runoff?

CROPLAND

| Notes | |
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II. RANGE AND PASTURE

3. Grazing Monitoring Record - Range

| Grazing Record - Range | | | | | | | | | |
|------------------------|---------------------|------------|-------------|----------------|-----------------|-------|-------------------------|-------------------------|--|
| Field Name | | | | | | | | | |
| Year or Season | | | | | Total A | Acres | | | |
| Livestock Type | Livestock Number | Date In | Date Out | Days Grazed | Animal Units | (D | UMs ays x s/30.4) | Use Class Percent | |
| | | | | XXXX | XXXX | XXX | X | | |
| | | | | XXXX | XXXX | XXX | X | | |
| | | | | XXXX | XXXX | XXX | X | | |
| | | | | XXXX | XXXX | XXX | X | | |
| | | | | XXXX | XXXX | XXX | X | | |
| | | | | XXXX | XXXX | XXX | X | | |
| Totals | | | \times | XXXX | XXXX | XXX | X | | |

| Grazing Record - Range | | | | | | | | |
|------------------------|---------------------|------------|-------------|----------------|-----------------|------------------------------|-------------------------|--|
| Field Name | | | | | | | | |
| Year or Season | | | | | Total A | Acres | | |
| Livestock Type | Livestock Number | Date In | Date Out | Days Grazed | Animal Units | AUMs (Days x AUs/30.4) | Use Class Percent | |
| | | | | XXXX | XXXX | XXXX | | |
| | | | | XXXX | XXXX | XXXX | | |
| | | | | XXXX | XXXX | XXXX | | |
| | | | | XXXX | XXXX | XXXX | | |
| | | | | XXXX | XXXX | XXXX | | |
| | | | | XXXX | XXXX | XXXX | | |
| Totals | | | | XXXX | XXXX | XXXX | | |

| Do you have a Drought Management Plan for your operation? Yes 🗌 🔻 🛚 🛚 | No 🗌 | |
|--|-------|------|
| If so, please attach a copy of the plan. | | |
| | | |
| Do you have a Monitoring Plan that you are maintaining on your operation? If so, please attach a copy of the plan. | Yes 🗌 | No 🗌 |

4. Grazing Record – Pasture

| Grazing Record - Pasture | | | | | | | | | |
|--------------------------|-------------|------|------------|------|-------|-----------|--------|-------|--------|
| Field Name | | | | | | | | | |
| Year or Season | Total Acres | | | | | | | | |
| Soil Test (year) | | | | | | Forag | e type | | |
| Fertilizer-date ap | plied | | | | | Fertilize | r type | | |
| Livestock Type | Lives | tock | Last | Date | Forag | e Date | Fo | rage | Notes |
| Livestock Type | Nun | nber | Irrigation | In | Heigh | t Out | He | eight | Tioles |
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| Grazing Record - Pasture | | | | | | | | | |
|--------------------------|---------|---------------|------|--------|------------|-------|-------|--------|--|
| Field Name | | | | | | | | | |
| Year or Season | | | | | Total A | Acres | | | |
| Soil Test (year) | | | | | Forage | type | | | |
| Fertilizer-date app | plied | | | | Fertilizer | type | | | |
| Livestock Type | Livesto | ck Last | Date | Forage | Date | | rage | Notes | |
| Livestock Type | Numbe | er Irrigation | n In | Height | Out | He | eight | TVOICS | |
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| Additional Comments/Observations: | | |
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5. Pasture Nutrient Input Worksheet

| Forage | Field | Nutrient | Application | Application | Application | Soil |
|-----------------|-----------------|--------------------|-----------------------|-------------------------|------------------|------|
| Grown | Number | Source | Rate lbs/ac | Method and Date | Depth | Test |
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| f irrigated, ha | as water been | tested for nitra | tes? Yes No | о | | |
| | | | | _ | | |
| t you have th | ne results from | n this test, pleas | se attach them to the | his page for your plans | ner's reference. | |
| Additional Co | omments/Ob | servations: | | | | |
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6. Pasture and Range Pest Management Inputs Worksheet

| Forage Grown | Field Number | Target Pest | Suppression Method | Pesticide Application Rate | Date Applied | Broadcast or Banded | Surface, Soil Incorp., or Foliar Applied |
|-----------------|-----------------|----------------|-----------------------|----------------------------------|-----------------|------------------------|---|
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| Additional Comments/Observations: | |
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8. Pasture and Rangeland Practices Worksheet

| ESSENTIAL RANGELAND PRACTICES | | | | | |
|--|----------------------|----------|---------|--|--|
| Practice Name | Practice Code | Existing | Planned | | |
| Prescribed Grazing | 528 | | | | |
| Water (Natural Water or Watering Facilities) | 614 etc. | | | | |
| NEEDED and/or DESIRABLE Practic | ces | | | | |
| Practice Name | Practice Code | Existing | Planned | | |
| Access Road | 560 | | | | |
| Animal Trails and Walkways | 575 | | | | |
| Brush Management | 314 | | | | |
| Critical Area Planting | 342 | | | | |
| Diversion | 362 | | | | |
| Fence | 382 | | | | |
| Firebreak | 394 | | | | |
| Grade Stabilization Structure | 410 | | | | |
| Grazing Land Mechanical Land Treatment | 548 | | | | |
| Pest Management | 595 | | | | |
| Pipeline | 516 | | | | |
| Pond | 378 | | | | |
| Pond Sealing or lining | 521 | | | | |
| Prescribed Burning | 338 | | | | |
| Pumping Plant for Water Control | 533 | | | | |
| Range Planting (EQIP) | 550 | | | | |
| Spring Development | 574 | | | | |
| Streambank and Shoreline Protection | 580 | | | | |
| Structures for Water Control | 587 | | | | |
| Upland Wildlife Habitat Management | 645 | | | | |
| Water Harvesting Catchments | 636 | | | | |
| Water Spreading | 640 | | | | |
| Water Well | 642 | | | | |
| Wetland Enhancement | 659 | | | | |
| Wetland Restoration | 657 | | | | |
| Wetland Wildlife Habitat Management | 644 | | | | |
| Wildlife Watering Facility | 648 | | | | |
| Windbreak Shelterbelt Establishment | 380 | | | | |
| Windbreak/Shelterbelt Renovation | 650 | | | | |

| Additional Comments/Observations: | |
|-----------------------------------|--|
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Pasture and Rangeland Notes

III. IRRIGATION SYSTEM INVENTORY

1. Irrigation System Screening Worksheet.

| Field Number | | | |
|---|--|--|--|
| System type – From Table 1. | | | |
| | | | |
| Measurement Method – From Table 2. | | | |
| Scheduling Method – From Table 3. | | | |
| | | | |
| Water Control – From Table 4. | | | |
| W.A. C. F. F. F. F. | | | |
| Water Conveyance- From Table 5. | | | |
| Land Slope – From Table 6. | | | |
| • | | | |
| Tail water Capture and Reuse – From | | | |
| Table 7. | | | |
| <u> </u> | | | |
| | | | |
| Field Number | | | |
| C4 E T-11- 1 | | | |
| System type – From Table 1. | | | |
| System type – From Table 1. | | | |
| Measurement Method – From Table 2. | | | |
| Measurement Method – From Table 2. | | | |
| | | | |
| Measurement Method – From Table 2. Scheduling Method – From Table 3. | | | |
| Measurement Method – From Table 2. | | | |
| Measurement Method – From Table 2. Scheduling Method – From Table 3. | | | |
| Measurement Method – From Table 2. Scheduling Method – From Table 3. Water Control – From Table 4. Water Conveyance- From Table 5. | | | |
| Measurement Method – From Table 2. Scheduling Method – From Table 3. Water Control – From Table 4. | | | |
| Measurement Method – From Table 2. Scheduling Method – From Table 3. Water Control – From Table 4. Water Conveyance- From Table 5. Land Slope – From Table 6. | | | |
| Measurement Method – From Table 2. Scheduling Method – From Table 3. Water Control – From Table 4. Water Conveyance- From Table 5. | | | |

2. Irrigation System

| Notes | |
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IV. VISUAL RIPARIAN ASSESSMENT

NEW MEXICO STREAM AND RIPARIAN SELF-ASSESSMENT SHEET

| | ate: | | _ | |
|----|---------------|-----------------|--|--|
| Сс | ounty: | | | |
| La | and Ownershi | p Status: (☐Fe | ederal) (State) (Private) check the appropriate status | |
| Na | ame of Land | Owner: | | |
| Id | entify the Lo | cation Where th | he Scoring Occurred: | |
| Na | ame of the St | ream or River: | | |
| | | | | |
| At | ttach Map of | Site and Ider | ntify the Different Reaches | |
| At | ttach Map of | Site and Iden | ntify the Different Reaches | |
| At | ttach Map of | Site and Ider | HYDROLOGIC | |
| At | _ | | · - | |
| At | _ | | HYDROLOGIC | |
| At | _ | | HYDROLOGIC Rip-Rap present | |
| At | _ | | HYDROLOGIC Rip-Rap present Levees present | |
| At | _ | | HYDROLOGIC Rip-Rap present Levees present Bank Erosion present (other than outside bends) | |

| YES | NO | SOILS - EROSION AND DEPOSITION FACTORS |
|-----|----|---|
| | | Bare Ground does not exceed 25% |
| | | Is the stream down cutting or widening? |
| | | Point Bars (bars opposite outside bends) are re-vegetating? |

If Intermittent; when and how long does stream flow?

| YES | NO | VEGETATION FACTORS |
|-----|----|---|
| | | Mature riparian trees, saplings and intermediate aged trees are present in the riparian area? |
| | | Salt cedar / Russian olive present? |
| | | If yes: Have they been treated? |
| | | If yes: When and with what? |
| | | Noxious weeds are less than 5% of the plant community? |
| | | Stream banks well vegetated with native plants? |

| REMARKS: | | |
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V. WILDLIFE HABITAT

This check sheet is used to assess wildlife habitat on the Ag operation. Identify all practices that apply to your farm or ranch. Show the location of the practices on the stewardship map.

| FARMLAND SELF ASSESSMENT | | | NO |
|--------------------------|---|--|----|
| 1. Cropland Cover: | Stubble maintained providing cover for wildlife. | | |
| _ | No-till, Minimum tillage, or other tillage system | | |
| | that leaves at least 30% residue cover. | | |
| 2. Uncultivated Area: | 15% or more of the offered area is not cultivated | | |
| | (i.e. Pivot Corners, Field Borders, Windbreaks) | | |
| 3. Winter cover in the | 10% or more of the uncultivated area (item 2) is | | |
| uncultivated areas: | in winter. For example: Trees, shrubs, cattails. | | |
| 4. Nesting cover in | 10% or more of the uncultivated area (item 2) is | | |
| the uncultivated areas: | in nesting cover. For example, tall grass, | | |
| | grass/legume mix, brush/grass. | | |
| 5. Vegetation Mgmt: | Uncultivated areas specifically managed for | | |
| | wildlife, (i.e. hayed only once per year between | | |
| | July 15 and August 15, or only grazed 1 in 3 | | |
| | years.) | | |
| 6. Habitat | Distance from center of the field to permanent | | |
| interspersion: | cover is 1320 feet (1/4 mile) or less. | | |
| 7. Wildlife Water: | Water is available year round. | | |

| Additional Comments or Observations: | | | | | |
|--------------------------------------|--|--|--|--|--|
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| RANGELAND SELF | ASSESSMENT | YES | NO |
|-------------------------|--|-----|----|
| 1. Grazing Management: | Planned grazing system which provides for the needs of wildlife, (i.e. rest at least one pasture during the dormant season to preserve residual cover for ground nesting birds or rest at least one pasture during the elk calving season, etc.) | | |
| 2. Rest | Grazing plan allows for at least 30 days of rest per pasture during the growing season. | | |
| 3. Brush Management | Brush species are in balance with no excessive populations of juniper, mesquite, creosote, etc. | | |
| 4. Water | Water for wildlife is available year round | | |
| 5. Riparian | If present, riparian areas provide diverse habitat for wildlife. Riparian habitat consists of at least 2 of the following: grass/forb low shrubs tall shrubs trees or, the site is grass/forb and is too wet to support woody vegetation. | | |
| 6. Surface Water Access | Livestock access to natural surface water (streams, playas, wetlands, lakes) is controlled by fencing or grazing mgmt plan. | | |

| Additional Comme | its or Observation | S: | | |
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| Certification | Statement |
| Gerundandri | Otatement |

| The information provided in this packet is true, correct and complete to the best |
|---|
| of my knowledge. I understand that if requested, I will need to submit a minimur |
| of two years of documentation to support the information I have provided here. |

| Name: | Date: | |
|-------|-------|--|
|-------|-------|--|

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